

Form PTO-1449 U.S. Department of Commerce (REV. 8-83) Patent and Trademark Office INFORMATION DISCLOSURE CITATION (use several sheets if necessary)	Atty. Docket No. ENZ-7(P)(C3)	Serial No. 08/486,070
	Applicants: Stavrianopoulos et al.	
	Filed: June 7, 1995	Group: 1631

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
AM	4 7 2 4 2 0 2	02/09/98	Dattagupta et al.	435	6	
↓	5 3 2 8 8 2 4	07/12/94	Ward et al.	435	6	
↓	5 4 4 9 7 6 7	05/20/92	Ward et al.	563	6	
↓	5 2 6 0 4 3 3	11/09/93	Engelhardt et al.	536	23.1	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN- SLATION YES NO
AM DE A	2 9 1 5 0 8 2	10/31/79	Germany			
AM GB A	2 0 2 6 6 9 0	02/06/80	UK			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Biongiorno, Nardelli and Amaldi, "Autoradiographic Detection of Molecular Hybrids between rRNA and DNA in Tissue Sections," Nature 225: 946-948	No date	
	Gall and Pardue, "Formation and Detection of RNA-DNA Hybrid Molecules in Cytological Preparations," Genetics 63: 378-383		
AM	John et al., "RNA-DNA Hybrids at the Cytological Level," Nature 223: 582-587 (1969)		
↓	Benton, W.D. and Davis, R.W., "Screening Agt recombinant clones by hybridization to single plaques in situ," Science 196: 180 (1977)		
↓	Leary, Brigati and Ward, "Rapid and sensitive colorimetric method for visualizing biotin-labeled DNA probes hybridized to DNA or RNA immobilized on nitrocellulose: Bio-blots," Proc. Natl. Acad. Sci (USA) 80: 4045-4049 (July 1983)		
↓	Avrameas and Guilbert, "Enzyme-immunoassay for the measurement of antigens using peroxidase conjugates," Biochimie 54: 837-842 (1972)		
↓	Bauman et al., "Rapid and High Resolution Detection of in situ Hybridization to Polytene Chromosomes Using Fluorochrome-Labeled RNA," Chromosoma (Berl.) 84: 1-18 (1981)		
↓	Bildwell et al., "Enzyme Immunoassays for Viral Diseases," J. Infectious Disease: 136: S274-S278 (1977)		
↓	Broker et al., "Electron Microscopic Visualization of tRNA genes with Ferritin-Avidin: Biotin Labels," Nucl. Acids Res., 5(2): 363-384 (1978)		
EXAMINER	<i>John Marshall</i>	DATE CONSIDERED	<i>1-23-04</i>
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

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<i>Am</i>	4 2 3 0 7 9 7	10/28/90	Boguslaski et al.	435	7	
	4 2 6 1 8 9 3	04/14/81	Boguslaski et al.	260	326	
	4 3 1 8 9 8 0	03/09/82	Boguslaski et al.	435	7	
	4 3 8 0 5 8 0	04/19/83	Boguslaski et al.	435	7	
	4 3 8 3 0 3 1	05/10/83	Boguslaski et al.	435	7	
	4 3 1 8 9 8 1	03/09/82	Burd et al.	435	7	
	4 2 2 8 2 3 7	10/14/80	Hevey et al.	435	7	
	4 3 1 8 9 8 2	03/09/82	Hornby et al.	435	7	
	4 3 7 4 9 2 5	02/22/83	Litman et al.	435	7	
	4 4 8 6 5 3 9	12/04/84	Ranki et al.	436	504	
	4 4 4 6 2 3 1	05/01/84	Self	435	7	
<i>↓</i>	4 1 3 4 7 9 2	01/16/79	Boguslaski et al.	195	99	

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<i>Am</i> DT P	2 6 1 8 4 1 9	04/11/76	Germany			
<i>↓</i>	1 5 5 2 6 0 7	09/19/79	UK			
<i>↓</i>	2 8 2 5 0 9 0	11/18/98	Japan			

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<i>Am</i>	Engvall and Perlmann, "Enzyme-linked immunosorbent assay (ELISA) Quantitative assay of immunoglobulin G," <u>Immunochem</u> 8: 871-874 (1971)
<i>↓</i>	Fertel R. and Weiss, B., <u>Methods in Enzymol. Vol LV II, Bioluminescence and Chemiluminescence</u> , DeLuca, M.A. (Ed.) 94-106 (1978)
<i>↓</i>	Hamaguchi et al., "Enzyme-Linked Sandwich Immunoassay of Macromolecular Antigens Using the Rabbit Antibody-Coupled Glass Rod as a Solid Phase," <u>Eur. J. Biochem.</u> 7: 459-467 (1976) and <u>FEBS Letters</u> : 69(1): 11-14 (1976)
EXAMINER	<i>Andr. Mansueti</i>
DATE CONSIDERED	<i>1-23-04</i>
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AM	5 4 7 6 9 2 8	12/19/95	Ward et al.	536	24	
	4 3 0 2 2 0 4	11/24/81	Wahl et al.	23	230.3	
	4 1 6 6 1 0 4	08/28/79	Wagner et al.	424	1	
	4 1 6 6 1 0 3	08/28/79	Wagner et al.	424	1	
	4 1 1 6 6 3 8	09/26/78	Kenoff	422	99	
	4 8 2 4 7 7 6	08/25/89	Heller	435	6	

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AM	GB 2 1 2 5 9 4 6A	03/14/84	UK			
	1 5 4 8 7 4 1	07/18/79	UK			
	GB 2 0 4 5 2 3 9	10/29/80	UK			
	GB 2 0 4 1 9 2 2A	09/17/80	UK			

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AM	Hofmann et al., "Iminobiotin Affinity Columns and Their Application to Retrieval of Streptavidin", <u>Proc. Natl. Acad. Sci. USA</u> , <u>77</u> , No. 8, pp. 4666-68 (1980)
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	Langer and Ward, Abstract 1153: "A Rapid and Sensitive Immunological Method for <u>In Situ</u> Gene Mapping in <u>Journal of Supramolecular Structure and Cellular Biology</u> , (1981)
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EXAMINER	Andin Mansel
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↓	4 0 4 1 1 4 6	08/09/77	Glaever	424	1	
↓	4 2 3 4 6 8 1	11/18/80	DeLuca-McElroy	435	8	

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AM	Rosswell, D.F. and White E.H., "The Chemiluminescence of Luminol and Related Hydrazides" in <u>Methods in Enzymol.</u> Vol LV II, Bioluminescence and Chemiluminescence, DeLuca, M.A. (Ed.) 409-423 (1978)
	Schott, H., et al., "A Dihydroxyboryl-Substituted Methacrylic Polymer for the Column Chromatographic Separation of Mononucleotides, Oligonucleotides, and Transfer Ribonucleic Acid," <u>Biochemistry</u> 12: 932-937 (1973)
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↓	Van Weemen and Schuurs, "Immunoassay Using Antigen-Enzyme Conjugates," <u>FEBS Letters</u> 15, no. 3: 232-236 (1971)
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Andin Mancoske	1-23-04
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	Bauman et al., "Rapid and High Resolution Detection of <u>in situ</u> Hybridisation to Polytene Chromosomes Using Fluorochrome-Labeled RNA." <u>Chromosoma (Ber.)</u> 84: 1-18 (1981)
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	Hofmann et al., "Characterization of the Functional Groups of Bioten", <u>J. Biol. Chem.</u> , 141, 207-11 (1941)
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EXAMINER	Ardin Mansel DATE CONSIDERED 1-23-04
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